No. 7900030

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Rogers Delinted Cottonseed Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

COTTON

'Rogers LG-10'

PLANT VARIETY PROTECTION OFFICE · U.S. DEPARTMENT OF AGRICULTURE

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington *this* 27th *day of* March *in the year of our Lord one thousand nine hundred and* eighty.

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

FORM GR-470 (1-76)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
PLANT VARIETY PROTECTION OFFICE
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20705

FORM APPROVED OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

1a. TEMPORARY DESIGNATION OF VARIETY	1b. VARIETY NAME	FOR OFFICIAL USE ONLY	
RDC 10	(Rogers LG-10	PV NUMBER 7900030	
2. KIND NAME	3. GENUS AND SPECIES NAME	FILING DATE 12-18-78	TIME 9:00 A.M. P.M.
Cotton	Gossypium hirsutum	FEE RECEIVED $ 250.00	DATE 12-18-78
4. FAMILY NAME (BOTANICAL)	5. DATE OF DETERMINATION	$ 250.00	12-18-78
Malvaceae	September, 1973	$ 250.00	1-28-80

6. NAME OF APPLICANT(S)	7. ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*)	8. TELEPHONE AREA CODE AND NUMBER
Rogers Delinted Cottonseed Co.	Box 1340, Waco, Tx 76703	817-752-0328

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (*Corporation, partnership, association, etc.*)	10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION	11. DATE OF INCORPORATION
Corporation	Texas	July 1, 1949

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

Dr. E. N. Stiver
Rogers Delinted Cottonseed Co.
P. O. Box 1340
Waco, Texas 76703

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- [X] 13A. Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*
- [X] 13B. Exhibit B, Novelty Statement.
- [X] 13C. Exhibit C, Objective Description of the Variety *(Request form from Plant Variety Protection Office.)*
- [X] 13D. Exhibit D, Additional Description of the Variety.

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? *(See Section 83(a). If "Yes," answer 14B and 14C below.)* [ ] YES [X] NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? [ ] YES [ ] NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? [ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

15. Does the applicant(s) agree to the publication of his/her (their) name(s) and address in the Official Journal? [X] YES [ ] NO

16. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

November, 1978
(DATE)

Edward N. Stiver
(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)

FORM GR-470 (Reverse)

INSTRUCTIONS

GENERAL: Send an original copy of the application, exhibits and $250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, National Agricultural Library, Beltsville, Maryland 20705. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Give the date the applicant determined that he had a new variety based on (1) the definition in Section 41(a) of the Act and (2) the date a decision was made to increase the seed.

13a Give (1), the genealogy, including public and commerical varieties, lines, or clones used, and the breeding method; (2), the details of subsequent stages of selection and multiplication, (3), the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4), evidence of stability.

13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties; (1) identify these varieties and state all differences objectively; (2) Attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

13c Fill in the Exhibit C, Objective Description form for all characteristics, for which you have adequate data.

13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe; such as; plant habit, plant color, disease resistance, etc.

14A If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled or published or the certificate has been issued. However, if the applicant specifies "NO", he may change his choice. (See Section 180.15 of the Regulations and Rules of Practice.)

ROGERS DELINTED COTTONSEED CO. 7900030
Waco, Texas

EXHIBIT A: ORIGIN & BREEDING HISTORY OF THE VARIETY

G 11 (Lyman)
CA 1786 X Rogers G1-7

G 11 Texas Agriculture Experiment Station (Dr. Luther Bird); a low gossypol bacterial blight resistant strain of Lyman.

CA 1786 A very compact low gossypol line developed by the Texas Agriculture Experiment Station, Lubbock, Texas. This line can transmit nectariless on occasion. Approximately 4% are homozygous for nectariless.

Rogers G1-7 A Texas certified low gossypol seed variety characterized by the large boll and seed size.

Progeny from the above cross made in the winter of 1969 were the basis for the variety Rogers LG-10. Lyman pollen was applied to the female parent, CA 1786 X Rogers G1-7. After inoculation with bacterial blight selections from the 1970 summer crop were made and sent to Iguala, Mexico, for increase. During the summer of 1971, thirty five progeny rows from Mexico were again inoculated for bacterial blight and again screened. Individual resistant plants were selected and planted as progeny rows in 1972. Four lines were chosen after inoculation for bacterial blight. The resulting strain was evaluated at Lubbock in a Verticillium Wilt Nursery, and at Robstown, Farmersville, Rule, and Colorado City, Texas for performance. Glandless, bacterial blight resistant, and verticillum wilt resistant nectaried plants were chosen each year as a basis for increase.

Seed increase plots were planted in 1974 and in 1975 and thoroughly rougued. In 1976, eighteen acres were planted at Colorado City, Texas, and again rogued.

ROGERS DELINTED COTTONSEED CO.

P. O. DRAWER 1340 | PHONE 817-752-0328 | WACO, TEXAS 76703

December 12, 1979

Dr. Joseph J. Higgins
Plant Variety Protection Office
Grain & Seed Division
National Agricultural Library Bldg.
Beltsville, Md. 20705

Dear Dr. Higgins:

Ref: 7900030

In our recent description of Rogers LG-10, we have mentioned a variant of 4 1/4% nectariless. This should be considered as an off-type rogue, as it is not a true variant.

Very truly yours,

ROGERS DELINTED COTTONSEED CO.

E. N. Stiver, Vice President
Director of Research
iw

ROGERS DELINTED COTTONSEED CO.

P. O. DRAWER 1340 | PHONE 817-752-0328 | WACO, TEXAS 76703

March 5, 1979

Mr. Joseph J. Higgins, Examiner
Plant Variety Protection Office
U. S. Department of Agriculture
National Agricultural Library Building
Beltsville, Maryland 20705

Subject: Cotton Application
#7900030 Rogers LG-10

Dear Mr. Higgins:

In reply to your letter of January 30, 1979, the following information is submitted:

Please correct item "14. Seeds" of Exhibit C to read 10.5 ± 1.1 seed index.

Variants:

Two variants in LG-10 will be evident. (1) Apparant glanded plants; these are the gossypol glands of normal cotton. In LG-10 the numbers of the apparant gossypol glands - the black dots on leaf undersurface, on petioles, stems and bolls - have been counted and occur as follows:

First generation --- 1 glanded plant per 400 plants or 0.25%
Fourth generation -- 1.64 glanded per 400 plants or 0.41%

If the fourth generation seed are analyzed, the gossypol content is less than 450 ppm, as required by FDA. The 0.15 increase is due to field crossing or hybridization and does not produce a normal gossypol gland, but a very small "speck" containing a low gossypol content. A cross section shows the hollow sphere filled with normal tissue, not the tissue containing the black gossypol.

(2) The second variant is nectariless plants. These plants can be identified by examining the underside of the leaf or the base of an unopened boll as indicated by the absence of a nectary gland on the mid-rib vein of the leaf and at the base of the boll. The third generation count of 17 nectariless plants per 400 plants 4.25% has remained stable.

Both the glanded and nectariless characteristics, as well as all other plant configurations has remained stable for the past five years. Our main concern is gossypol in order to maintain acceptance by FDA for human food uses of LG seed. This has consistently remained below the 450 ppm. The hybrid glanded variant is not a true gossypol gland, though in macroscopic appearance it appears as such.

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Rogers LG-10 differs from the Lambright glandless variety in that LG-10 is a fuller plant shape with lateral limbs of normal length. Lambright is more of a central stalk type with shorter lateral limb growth.

LG-10 differs from Gregg glandless in that Gregg is a very tight stormproof boll- LG-10 is not. McNair glandless is an open boll type; LG-10 is a storm-resistant type.

Rogers LG-10 differs from other upland cottons in that it is glandless. It most closely resembles Rogers GL-6 among the glandless new varieties. Listed below are differences between Rogers LG-10 and Rogers GL-6:

CHARACTERISTIC	ROGERS GL-6	ROGERS LG-10
Maturity	4 days earlier than DPL-16	7 days earlier than DPL-16
Height	12 cm shorter than DPL-16	20 cm shorter than DPL-16
Main Stem	15 cm to first fruit branch	14 cm to first fruiting branch
Leaf Width at maturity	13 cm	15 cm
Leaf pubescence	pubescent as Stoneville 213	Smooth as DPL-SL
Seed Index	12.5 ± 1.5	10.5 ± 1.1
Bolls	Finely pitted	Not pitted
	8.0 gm seed cotton/boll	5.88 seed cotton/boll
	36.9% lint	35.6% lint
	45 mm diameter	36 mm diameter
Boll Shape	Length = width	Length > width
Braceteoles	Length = width	Length > width
Teeth	Coarse	Fine
No. teeth	5-7	8-10
Fiber length	35/32	34/32
Micronaire	4.5	4.1
Stilometer Ti	18.3	23.3
Disease		
Verticillium	Susceptible	Resistant
Bacterial blight	Resistant Race 1 & 2	Resistant Race 1 - 18 incl.

Should you desire further information, please call us at 817-752-0328.

Sincerely yours,

ROGERS DELINTED COTTONSEED CO.

E. N. Stiver

E. N. Stiver, Vice President
Director of Research
iw

EXHIBIT B: NOVELTY STATEMENT

Rogers LG-10 most closely resembles Rogers GL-6. The following differences are as listed below:

LG-10:

is less pubescent than GL-6

has smooth bolls; Gl-6 has pitted bolls

boll length exceeds boll width; for GL-6 the length equals width

bracteole length exceeds width; for GL-6 the length equals width

has a fine toothed serrated edge on the bracteole; GL-6 is coarse-toothed

is more resistant to Verticillium wilt and bacterial blight (Angular leaf spot)than GL-6.

Higgins

ROGERS DELINTED COTTONSEED CO.

P. O. DRAWER 1340 | PHONE 817-752-0328 | WACO, TEXAS 76703

July 25, 1979

Mr. Joseph J. Higgins, Examiner
Plant Variety Protection Office
United States Department of Agriculture
NATIONAL AGRICULTURAL LIBRARY BLDG.
Beltsville, Md. 20705

Re: 7900030

Dear Mr. Higgins:

Stated below is a revised and abbreviated novelty statement for Rogers LG-10 (7900030) as you have requested. I have chosen easily identifiable characteristics for identifying the two varieties.

Novelty Statement

Rogers LG-10 is 3-4 days earlier and under comparable conditions shorter than Rogers GL-6. The seed are smaller (seed index 10.5 vs. 12.5). LG-10 bolls are smaller (36mm vs. 45mm dia) and the length exceeds the width; GL-6 bolls are round - length equals width. LG-10 fiber is stronger with Stilometer values of 23 as compared to 18 for GL-6.

Yours very truly,

ROGERS DELINTED COTTONSEED CO.

E. N. Stiver, Vice President
Director of Research
iw

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FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-8
(10-2-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

EXHIBIT C
(Cotton)

OBJECTIVE DESCRIPTION OF VARIETY

COTTON *(GOSSYPIUM SPP.)*

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S)

ROGERS DELINTED COTTONSEED CO.

ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)*

P.O.Box 1340 (625 Peach St.)
Waco, Tx 76703

FOR OFFICIAL USE ONLY

PVPO NUMBER 7900030

VARIETY NAME OR TEMPORARY DESIGNATION

ROGERS LG-10

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. SPECIES:

[1] 1 = GOSSYPIUM HIRSUTUM 2 = GOSSYPIUM BARBADENSE

2. AREA(S) OF ADAPTION (0 = Not Tested, 1 = Not Adapted, 2 = Adapted):

[0] EASTERN [0] DELTA [2] CENTRAL [2] HIGH PLAINS [0] EL PASO AREA

[0] WESTERN LOW HOT VALLEYS [0] SAN JOAQUIN [0] OTHER *(Specify)* _____

3. MATURITY (50% Open Boll):

[0][7] NO. OF DAYS *EARLIER* THAN ..... [2]

[ ][ ] NO. OF DAYS *LATER* THAN ..... [ ]

1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213
4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1
7 = LANKART 57 8 = OTHER *(Specify)* _____

4. PLANT HABIT:

[3] 1 = SPREADING 2 = INTERMEDIATE 3 = COMPACT

[1] 1 = FOLIAGE SPARSE 2 = DENSE 3 = OTHER *(Specify)* _____

5. PLANT HEIGHT:

[2][0] CM. *SHORTER* THAN ..... [2]

[ ][ ] CM. *TALLER* THAN ..... [ ]

1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213
4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1
7 = LANKART 57 8 = OTHER *(Specify)* _____

6. MAIN STEM:

[3] 1 = LAX 2 = ASCENDING 3 = ERECT

[14] CM. TO FIRST FRUITING BRANCH

[0][6] NO. OF NODES TO FIRST FRUITING BRANCH *(from cotyledonary node)*

7. LEAF:

[1][5] CM. WIDTH OF WIDEST LEAVES AT MATURITY

8. LEAF PUBESCENSE:

[2] 1 = GLABROUS (HAIRS AS SPARSE AS D_2 SMOOTH)
2 = SMOOTH LEAF (DELTAPINE SMOOTH LEAF) 3 = PUBESCENT (STONEVILLE 213)
4 = HEAVY PUBESCENCE (H_1 OR H_2) 5 = OTHER *(Specify)* _____

9. LEAF COLOR:

[2] 1 = VIRESCENT YELLOW 2 = LIGHT GREEN 3 = DARK GREEN *(Acala-442)* 4 = RED
5 = OTHER *(Specify)* _____

10. LEAF TYPE:

[1] 1 = NORMAL 2 = OKRA 3 = SUPER OKRA 4 = OTHER *(Specify)* _____

11. FLOWER:

[2] 1 = NECTARILESS 2 = NECTARIED

[1] Petals: 1 = CREAM 2 = YELLOW [1] Pollen: 1 = CREAM 2 = YELLOW

12. FRUITING BRANCH TYPE:

[2] 1 = CLUSTER 2 = SHORT 3 = NORMAL [1] 1 = DETERMINATE 2 = INDETERMINATE

13. GOSSYPOL CONDITION:

[1] 1 = GLANDLESS 2 = REDUCED GLANDS 3 = NORMAL GLANDS
4 = OTHER *(Specify)* _____

[ ] 1 = NORMAL BUD GOSSYPOL
2 = HIGH BUD GOSSYPOL

14. SEEDS:

[1][0.][5] ± [1][1] SEED INDEX *(Fuzzy seed basis)* 98%

[2] Seed Fuzz: 1 = SPARSE (GREGG 35) 2 = MODERATE (DPL-16)
3 = HEAVY (ACALA SJ-1) 4 = OTHER *(Specify)* _____

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7900030 Rogers LG-10

FORM GR-470-8 (REVERSE)

15. BOLLS:

[2] Locules: 1 = 3-4, 2 = 4-5

[3 2] NO. SEEDS PER BOLL

[3 5 6] LINT PERCENT

[3 6] MM. DIAMETER

[1] Pitted: 1 = NONE, 2 = FINELY, 3 = COURSELY

[5 8 8] GRAMS SEED COTTON PER BOLL

[2] Breadth: 1 = BROADER AT BASE, 2 = BROADER AT MIDDLE

[2] Type: 1 = STORMPROOF (WESTBURN 70), 2 = STORM RESISTANT (LANKART 57), 3 = OPEN (DELTAPINE 16)

[3] Shape: 1 = LENGTH < WIDTH, 2 = LENGTH = WIDTH, 3 = LENGTH > WIDTH

16. BRACTEOLES:

[3] Breadth: 1 = LENGTH < WIDTH 2 = LENGTH = WIDTH 3 = LENGTH > WIDTH

[1] Teeth: 1 = FINE 2 = COURSE

[3] Teeth: 1 = 3-4 2 = 5-7 3 = 8-10 4 = OTHER *(Specify)* _____

17. YIELD: Compared to--

[ ] PERCENT *LESS* THAN .....

[6 8] PERCENT *MORE* THAN .....

[8] 1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213 4 = PAYMASTER 111 5 = ACALA 1517-70 8= Gregg 35W 6 = ACALA SJ-1 7 = LANKART 57

18. FIBER LENGTH (Complete one or more of the following and give the means):

[ ] SPAN LENGTH 50%

[ ] SPAN LENGTH 2.5%

[1 0 6] U.H.M. LENGTH

[ ] MEAN LENGTH

[3 4] STAPLE LENGTH 32nd INCHES

[8 0] UNIFORMITY RATIO (MEAN/U.H.M.)

[ ] UNIFORMITY INDEX (50% SPAN/2.5% SPAN)

19. FIBER STRENGTH AND ELONGATION:

[ ] 1,000 P.S.I.

[0 6 5] ELONGATION E_1

[ ] STILOMETER T_0

[4 1 0] MICRONAIRE READING

[ ] YARN STRENGTH *(Give test method)* _____

[2 3 3] STILOMETER T_1

20. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[2] VERTICILLIUM WILT	[0] FUSARIUM WILT	[0] ROOT KNOT NEMATODE	[2] BACTERIAL BLIGHT *(Race 1)*
[2] BACTERIAL BLIGHT *(Race 2)*	[0] ASCOCHYTA BLIGHT	[1] PHYMATOTRICHUM ROOT ROT	[0] RHIZOCTONIA
[2] ANTHRACNOSE	[0] RUST	[ ] OTHER *(Specify)* _____	

21. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[1] BOLL WEEVIL	[1] APHID	[1] FLEAHOPPER	[0] LEAFWORM
[1] FALL ARMYWORM	[1] GRASSHOPPER	[1] LYGUS	[1] PINK BOLLWORM
[1] STINKBUG	[1] THRIP	[1] CUTWORM	[1] SPIDERMITE

[ ] OTHER *(Specify)* _____

REFERENCES: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

(1) Brown, Harry B., and J. O. Ware, 1958, Cotton, McGraw-Hill Book Company, Inc., New York.

(2) Lewis, C. F., and H. H. Ramey, Jr., 1971, 1970 Regional Cotton Variety Tests, ARS 34-130, United States Department of Agriculture.

COLORS: Nickerson's or any recognized color fan may be used to determine flower color of the described variety.

7900030

EXHIBIT D:

Rogers LG-10 has short fruiting branches with short inter nodes. It is not a cluster type variety, however. It is nectaried.

USDA

United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

January 21, 1998

Marian R. Minnifield
Secretary
Plant Variety Protection Office
NAL Building, Room 500
10301 Baltimore Boulevard
Beltsville, Maryland 20705-2351

Subj: Expired PVPO's; disposition of

1. The following expired PVPO's have been transferred to the NPGS. Our records have been changed accordingly.

Serial Number		PVP Number	EXPIRED
107423	01	7900099	01/02/1997
107424	01	7800077	01/02/1997
107425	01	7900062	01/02/1997
107428	01	7900095	01/02/1997
107429	01	7700092	01/02/1997
108309	01	7900116	01/29/1997
108310	01	7900117	01/29/1997
108311	01	7900087	01/29/1997
108312	01	7800080	01/29/1997
108313	01	7800020	01/29/1997
109381	01	7900113	03/27/1997
109382	01	7900030	03/27/1997
109383	01	7900102	03/27/1997
109384	01	7900063	03/11/1997
109386	01	7300068	03/11/1997
109387	01	7900120	02/26/1997
109388	01	7700028	02/26/1997
109389	01	7700112	02/26/1997
109390	01	7900040	03/11/1997
109791	01	7800071	02/26/1997
110210	01	8000058	05/15/1997
110211	01	7800103	05/01/1997
110212	02	8000001	05/01/1997
110213	01	7800001	05/01/1997

ars

Northern Plains Area • National Seed Storage Laboratory
1111 South Mason Street • Ft. Collins, CO 80521-4500
Voice: 970 495-3200 • Fax: 970 221-1427

110214	02	7200105	04/24/0197
110215	01	8000022	04/24/1997
110216	01	7900060	05/01/1997
110217	01	7900084	05/01/1997
110218	01	8000071	05/15/1997
110219	01	7900101	05/01/1997
110220	01	8000043	05/15/1997
110221	01	8000015	05/15/1997
110222	01	7900111	05/15/1997
110223	01	7900110	05/15/1997
110227	01	7900106	05/15/1997
110228	01	7900071	04/24/1997
110229	01	7900100	05/01/1997
110230	01	7900075	05/01/1997
110231	01	7900108	04/24/1997
110236	01	8000053	05/29/1997
110239	01	7900098	05/29/1997
110240	01	7900006	05/29/1997
110263	01	7900042	06/05/1997
110264	01	8000048	06/05/1997
110265	01	8000063	06/05/1997
110266	01	8000012	06/05/1997
110267	01	8000049	06/05/1997
110268	01	7800092	06/05/1997
112329	01	8000045	06/19/1997
112330	01	7900088	07/10/1997
112331	01	8000044	07/10/1997
112332	01	7800079	06/19/1997
112333	01	7900074	06/26/1997
112334	01	8000061	06/19/1997
112335	01	7700016	07/10/1997
112336	01	7700017	07/10/1997
112337	01	7900105	06/26/1997
112338	01	7900089	06/19/1997
112339	01	7900072	06/19/1997
112342	01	7900090	06/26/1997
112343	01	7900064	07/10/1997
112344	01	8000072	06/19/1997
112345	01	8000009	07/31/1997
112346	01	7800099	07/31/1997
112347	01	8000040	07/31/1997
112348	01	8000039	07/31/1997
112349	01	8000041	07/31/1997
112350	01	7900080	07/31/1997
112351	01	8000006	07/31/1997

112352	01	8000027	07/31/1997
112353	01	8000024	07/31/1997
112354	01	8000076	07/31/1997
112355	01	8000025	07/31/1997
112356	01	8000062	07/31/1997
112357	01	8000102	07/31/1997
112360	01	8000023	07/31/1997
112361	01	7900078	07/31/1997
112362	01	8000093	07/31/1997
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114599	01	8000111	10/16/1997
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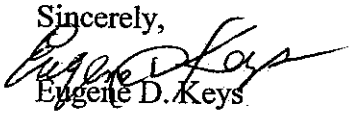
Sincerely,



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